

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.111

Attorney Docket No.: Q116830

Application No.: 08/977,846

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A receiver adapted to receive data contained in a transmitted broadcast signal, the receiver comprising:

a processor that processes a received broadcast signal including data, stores the data as a database in a memory, provides a user interface including a set of menus describing the database and for accepting selections from the set of menus, selects data from the database in response to the accepted selections and provides the selected data in digital form, and converts the selected data from digital form to an analog signal ~~a tuner for receiving a broadcast signal including data, the data comprising at least one from among compressed audio data and alphanumeric data;~~

~~a memory coupled to the tuner for storing the data in the received broadcast signal in a database;~~

~~a user interface for providing a set of menus describing the database, and for accepting selections from the set of menus;~~

~~a controller coupled to the memory and the user interface for selecting data from the database in response to the accepted selections and providing the selected data in a digital form; and~~

~~a speech producing sub system coupled to the controller and the memory for converting the selected data from digital form to an analog signal.~~

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2-32. (canceled).

33. (previously presented): The receiver of Claim 1, wherein the memory stores the entire database.

34. (previously presented) : The receiver of Claim 1, wherein the memory comprises a combination of a volatile RAM memory and a non-volatile memory.

35. (previously presented): The receiver of Claim 34, wherein the non-volatile memory is selected from the group consisting of an audio tape, a magneto-optical mini-disk, a magnetic disk or an optical disk.

36. (previously presented): The receiver of Claim 1, wherein the received data is audio data that has been converted from analog form to digital form.

37. (previously presented): The receiver of Claim 36, wherein the received audio data is digitized and has been compressed.

38. (previously presented): The receiver of Claim 36, wherein the received audio data has been encrypted.

39 (previously presented): The receiver of Claim 1, wherein the received data is alphanumeric data that has been converted from analog form to digital form.

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40. (previously presented): The receiver of Claim 39, wherein the alphanumeric data is converted to voice data by a speech synthesizer.

41. (currently amended): The receiver of Claim 1, wherein the data is in digital form, has been encrypted and compressed, and the further comprising receiver further comprises a decryptor for decrypting the data.

42. (currently amended): The receiver of Claim 41, wherein said system has processor executes a decompression algorithm to decompress data that has been compressed at a transmitter prior to being broadcast.

43. (currently amended): The receiver of Claim 41, wherein the decryptor is enabled by a key received by the tunerreceiver.

44. (previously presented): The receiver of Claim 41, wherein the decryptor is enabled by a key device operatively connected to the decryptor.

45. (previously presented): The receiver of Claim 1, wherein the user interface is voice activated.

46. (previously presented): The receiver of Claim 1, wherein the user interface includes:

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a manual input device adapted to be mountable on an automobile steering wheel; and
a link from the manual input device to the controller.

47. (previously presented): The receiver of Claim 1, wherein the user interface includes a control for determining a speed at which the speech producing sub-system outputs the analog signal.

48. (currently amended): The receiver of Claim 1, wherein the ~~tuner channel skips~~ processor controls the receiver to skip channels to tune to a particular transmitter.

49. (previously presented): The receiver of Claim 1, further comprising:
an amplifier connected to the speech producing sub-system for amplifying the analog signal; and
means for converting the amplified signal to sound.

50. (previously presented): The receiver of Claim 1, further comprising means for connecting the receiver to an automobile radio set.

51. (previously presented): The receiver of Claim 1, further comprising means for designating by a broadcaster of the broadcast signal a hierarchy for the database.

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52. (previously presented): The receiver of Claim 1, wherein the memory stores the data received in a random access memory up to the capacity of the random access memory before transferring said data to one of a disk medium or a tape medium.

53. (previously presented): The receiver of Claim 52, wherein the tape medium is a digital audio tape.

54. (previously presented): The receiver of Claim 52, wherein the disk medium is a magnetic disk.

55. (previously presented): The receiver of Claim 52, wherein the disk medium is a magnetic-optical disk.

56. (previously presented): The receiver of Claim 52, wherein the disk medium is an optical disk.

57. (previously presented): The receiver of Claim 1, wherein a speed of transmission of the data in the broadcast signal is varied to most efficiently use the available bandwidth.

58. (currently amended): A computer-readable medium having embodied thereon a program for executing a method for information dissemination comprising the acts of: performing, by a processor, the performing comprising:

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receiving the information including data, ~~the data comprising at least one from among compressed audio data and alphanumeric data at a receiver;~~
storing the received information in a database in memory ~~in the receiver;~~
providing a set of menus describing the database;
accepting selections from the set of menus;
selecting data from the database in response to the accepted selection;
providing the selected data in digital form; and
converting the selected data to an analog signal played from the receiver.

59. (previously presented): The method of Claim 58, wherein the received information is transmitted by a broadcast signal.

60. (previously presented): The receiver of Claim 1, wherein the memory is sufficient to store data representing the content of at least one entire program.

61. (previously presented): The method of Claim 58, wherein the stored information includes the content of at least one entire program.

62. (previously presented): The receiver of Claim 1, wherein the receiver is adapted to receive and store in the memory continuous updates of the data.

63. (previously presented): The receiver of Claim 62, wherein received items of data include a data stamp thereby to indicate currency of the data.

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64. (previously presented): The receiver of Claim 1, wherein the receiver is adapted to disable itself upon receipt of a command received via the tuner.

65-90. (withdrawn).